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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/586,868
Filing Date	June 5, 2000
First Named Inventor	Caruk et al.
Group Art Unit	2181
Examiner Name	Justin King
Attorney Docket Number	0100.0000430

Total Number of Pages in This Submission

12

## ENCLOSURES (check all that apply)

- |  |   |  |
|--|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment / Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):<br><br>Return Receipt Postcard |
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Remarks

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Technology Center 2100

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm  
or  
Individual name

Christopher J. Reckamp  
Reg. No. 34,414

Signature

*Chris J. Reckamp*

Date

January 23, 2003

## CERTIFICATE OF MAILING

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Margaret Caruso

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*Margaret Caruso*

Date

1/23/03

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#1026832



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# FEE TRANSMITTAL

## for FY 2003

Patent fees are subject to annual revision.

☐ Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT (\$ ) 84.00

### Complete if Known

Application Number 09/586,868  
Filing Date 06/05/00  
First Named Inventor Caruk et al.  
Examiner Name J. King  
Art Unit 2181  
Attorney Docket No. 0100.0000430

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### METHOD OF PAYMENT (check all that apply)

☐ Check ☐ Credit card ☐ Money Order ☐ Other ☐ None

☒ Deposit Account:

Deposit Account Number 50-0441  
Deposit Account Name ATI International SRL

The Commissioner is authorized to: (check all that apply)

☒ Charge fee(s) indicated below ☒ Credit any overpayments  
☐ Charge any additional fee(s) during the pendency of this application  
☐ Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1001 740	2001 370	Utility filing fee	
1002 330	2002 165	Design filing fee	
1003 510	2003 255	Plant filing fee	
1004 740	2004 370	Reissue filing fee	
1005 160	2005 80	Provisional filing fee	
SUBTOTAL (1)			(\$ ) 0.00

#### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Total Claims  - 20\*\* =  X  = 0.00  
Independent Claims  - 3\*\* =  X 84.00 = 84.00  
Multiple Dependent  X  =

<u>Large Entity</u>		<u>Small Entity</u>		<u>Fee Description</u>
<u>Fee Code</u>	<u>Fee (\$)</u>	<u>Fee Code</u>	<u>Fee (\$)</u>	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent

\*\*or number previously paid, if greater; For Reissues, see above

### FEE CALCULATION (continued)

#### 3. ADDITIONAL FEES

Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description	Fee Paid
1051 130	2051 65	Surcharge - late filing fee or oath	
1052 50	2052 25	Surcharge - late provisional filing fee or cover sheet	
1053 130	1053 130	Non-English specification	
1812 2,520	1812 2,520	For filing a request for ex parte reexamination	
1804 920*	1804 920*	Requesting publication of SIR prior to Examiner action	
1805 1,840*	1805 1,840*	Requesting publication of SIR after Examiner action	
1251 110	2251 55	Extension for reply within first month	
1252 400	2252 200	Extension for reply within second month	
1253 920	2253 460	Extension for reply within third month	
1254 1,440	2254 720	Extension for reply within fourth month	
1255 1,960	2255 980	Extension for reply within fifth month	
1401 320	2401 160	Notice of Appeal	
1402 320	2402 160	Filing a brief in support of an appeal	
1403 280	2403 140	Request for oral hearing	
1451 1,510	1451 1,510	Petition to institute a public use proceeding	
1452 110	2452 55	Petition to revive - unavoidable	
1453 1,280	2453 640	Petition to revive - unintentional	
1501 1,280	2501 640	Utility issue fee (or reissue)	
1502 460	2502 230	Design issue fee	
1503 620	2503 310	Plant issue fee	
1460 130	1460 130	Petitions to the Commissioner	
1807 50	1807 50	Processing fee under 37 CFR 1.17(q)	
1806 180	1806 180	Submission of Information Disclosure Stmt	
8021 40	8021 40	Recording each patent assignment per property (times number of properties)	
1809 740	2809 370	Filing a submission after final rejection (37 CFR 1.129(a))	
1810 740	2810 370	For each additional invention to be examined (37 CFR 1.129(b))	
1801 740	2801 370	Request for Continued Examination (RCE)	
1802 900	1802 900	Request for expedited examination of a design application	

Other fee (specify) \_\_\_\_\_

\*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ ) 0.00

### SUBMITTED BY

Name (Print/Type) Christopher J. Reckamp  
Signature

Registration No. 34,414  
(Attorney/Agent)

### (Complete if applicable)

Telephone 312/609-7599  
Date 1-23-03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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4/A  
E Wms  
2-5-03

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Caruk et al.  
Serial No.: 09/586,868  
Filing Date: June 5, 2000  
Confirmation No.: 7484

Examiner: Justin King  
Art Unit: 2181  
Our File No.: 00100.00.0430  
Docket No.: 0100.0000430

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Technology Center 2100

Title: **METHOD AND APPARATUS FOR CONFIGURING AN INPUT/OUTPUT  
BUFFER FOR AN INTEGRATED BUS BRIDGE AND GRAPHICS  
CONTROLLER**

Box Fee Amendment  
Commissioner for Patents  
U.S. Patent and Trademark Office  
Washington, D.C. 20231

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Washington, D.C. 20231, on this date.

Attn: Examiner Justin King

1/23/03  
Date

Margaret Caruso  
Margaret Caruso

**AMENDMENT AND RESPONSE**

Dear Sir:

In response to the Office Action mailed October 23, 2002, Applicants submit the  
following amendments and remarks.

**IN THE SPECIFICATION:**

Please replace the paragraph on page 10, beginning at line 20, with the following  
rewritten paragraph:

A4  
A southbridge 170 couples a PCI bus 160 to an ISA bus 180. The southbridge 170 is a  
well-known secondary bus bridge, often found in computer systems between buses other than the  
processor bus, and may be replaced with any other device commonly found on a bus that is  
coupled to the bus bridge 120.

Please replace the paragraph on page 12, beginning at line 29, and continuing on page 13,  
ending with line 7, with the following rewritten paragraph:

01/30/2003 WABDELRI 00000068 500441 09586868

01 FC:1201 84.00 CH